

Title (en)
SYSTEMS AND METHODS FOR THROAT IMAGING

Title (de)
SYSTEME UND VERFAHREN ZUR BILDGEBUNG DES RACHENS

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR IMAGERIE DE LA GORGE

Publication
EP 3297517 A4 20190123 (EN)

Application
EP 16796011 A 20160510

Priority
• US 201562163468 P 20150519
• IL 2016050494 W 20160510

Abstract (en)
[origin: WO2016185463A1] A portable handheld system for imaging of a throat of a patient, including: a mouthpiece including at least one bite guide for stabilizing the mouthpiece with respect to teeth of the patient when the patient bites on the at least one bite guide; intraoral optics operable to collect light from the throat of the patient and to direct the light towards an imaging sensor; and an imaging sensor operable to capture light directed by the intraoral optics to provide an image of the throat; wherein a mechanical connection between the mouthpiece and the intraoral optics constrains a spatial relationship of the intraoral optics with respect to the mouthpiece so that when the patient bites on the at least one bite guide: the intraoral optics is stabilized by the mouthpiece inside a mouth of the patient having a FOV which includes at least part of a tonsil of the patient.

IPC 8 full level
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CPC (source: CN EP US)
A61B 1/00009 (2013.01 - CN); **A61B 1/000094** (2022.02 - EP US); **A61B 1/000096** (2022.02 - EP US); **A61B 1/00052** (2013.01 - CN EP US); **A61B 1/00128** (2013.01 - CN US); **A61B 1/00135** (2013.01 - CN); **A61B 1/00142** (2013.01 - CN); **A61B 1/00147** (2013.01 - CN); **A61B 1/00148** (2022.02 - EP US); **A61B 1/04** (2013.01 - CN); **A61B 1/06** (2013.01 - CN); **A61B 1/24** (2013.01 - EP US); **A61B 1/247** (2013.01 - CN US); **A61B 5/0088** (2013.01 - CN EP US); **A61B 5/682** (2013.01 - CN EP US); **G16H 40/63** (2017.12 - EP US); **G16Z 99/00** (2019.01 - EP US); **A61B 1/00135** (2013.01 - EP US); **A61B 1/00142** (2013.01 - EP US)

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